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20427

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|--|------------------------|---|
| <b>UTILITY<br/>PATENT APPLICATION<br/>TRANSMITTAL</b><br><br>(Only for new nonprovisional applications under 37 CFR 1.53(b)) | Attorney Docket No.    | 057723.000015   |
|  | First Inventor         | ROBERT M. MCMILLAN  |
|  | Title                  | High Accuracy Measuring And Control Of Low Fluid Flow Rates |
|  | Express Mail Label No. | EV 342 458 285US  |

ADDRESS TO: Commissioner for Patents  
Mail Stop Patent Application  
P.O. Box 1450  
Alexandria, VA 22313-1450

22390 U.S. PTO  
10/803149

031704

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents

1. ☒ Fee Transmittal Form PTO/SB/17 (in duplicate)
2. ☒ Applicant claims small entity status. See 37 CFR 1.27.
3. ☒ Specification [Total Pages **27**]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R&D
  - Reference to a sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets **9**]
5. ☒ Oath or Declaration
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 19 completed)
    - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
6. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

7. ☐ Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. ☐ Specification Sequence Listing on:  
CD-ROM or CD-R (2 copies); or i. ☐ paper

**ACCOMPANYING APPLICATION PARTS**

8. ☒ Assignment Papers (cover sheet & document(s))
9. ☐ 37 CFR 3.73(b) Statement (when there is an assignee)
10. ☒ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449  
Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i).  
Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other: \_\_\_\_\_

19. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP) of prior application No. 10/156,402

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**20. CORRESPONDENCE ADDRESS**

Direct all correspondence to: **008176** Customer Number or Bar Code Label: 008176

|                  |                                   |           |                  |                |                |
|------------------|-----------------------------------|-----------|------------------|----------------|----------------|
| Firm Name        | BRACEWELL & PATTERSON, L.L.P.     |           |                  |                |                |
| Address          | Attention: Albert B. Kimball, Jr. |           |                  |                |                |
| Address          | P.O. Box 61389                    |           |                  |                |                |
| City             | Houston                           | State     | Texas            | ZIP            | 77208-1389     |
| Country          | United States                     | Telephone | (713) 223-2900   | Fax            | (713) 221-1212 |
| Name: Print/Type | Albert B. Kimball, Jr.            |           | Registration No. | 25,689         |                |
| Signature        |                                   |           | Date             | March 17, 2004 |                |

# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

**Complete if Known**

|                      |                       |
|----------------------|-----------------------|
| Application Number   | UNASSIGNED            |
| Filing Date          | CONCURRENTLY HEREWITH |
| First Named Inventor | ROBERT M. MCMILLAN    |
| Examiner Name        | UNASSIGNED            |
| Art Unit             | UNASSIGNED            |
| Attorney Docket No.  | 057723.000015         |

**TOTAL AMOUNT OF PAYMENT (\$)** 443.00**METHOD OF PAYMENT** (check all that apply)☒ Check Enclosed

☒ The Director is authorized to charge fee(s) indicated below, charge any additional fee(s) or any underpayment of fees, and credit any overpayments to:

DEPOSIT ACCOUNT NO.: 50-0259 (057723.000015)

Deposit Account Name:

Bracewell &amp; Patterson, L.L.P.

**FEE CALCULATION** (continued)**3. Additional Fees**

| Large Fee Code            | Large Entity | Small Fee Code | Small Entity | Fee Description  | Fee Paid |
|---------------------------|--------------|----------------|--------------|--|----------|
| 1051                      | \$ 130       | 2051           | \$ 65        | Surcharge - late filing fee or oath  | \$       |
| 1052                      | \$ 50        | 2052           | \$ - 25      | Surcharge - late provisional filing fee or cover sheet                     | \$       |
| 1053                      | \$ 130       | 1053           | \$ 130       | Non-English specification  | \$       |
| 1812                      | \$2,520      | 1812           | \$2,520      | For filing a request for <i>ex parte</i> reexamination                     | \$       |
| 1804                      | \$ 920*      | 1804           | \$ 920*      | Requesting publication of SIR prior to Examiner action                     | \$       |
| 1805                      | \$1,840*     | 1805           | \$1,840*     | Requesting publication of SIR after Examiner action                        | \$       |
| 1251                      | \$ 110       | 2251           | \$ 55        | Extension for reply within first month                                     | \$       |
| 1252                      | \$ 420       | 2252           | \$ 210       | Extension for reply within second month                                    | \$       |
| 1253                      | \$ 950       | 2253           | \$ 475       | Extension for reply within third month                                     | \$       |
| 1254                      | \$1,480      | 2254           | \$ 740       | Extension for reply within fourth month                                    | \$       |
| 1255                      | \$2,010      | 2255           | \$1,005      | Extension for reply within fifth month                                     | \$       |
| 1401                      | \$ 330       | 2401           | \$ 165       | Notice of Appeal   | \$       |
| 1402                      | \$ 330       | 2402           | \$ 165       | Filing a brief in support of an appeal                                     | \$       |
| 1403                      | \$ 290       | 2403           | \$ 145       | Request for oral hearing   | \$       |
| 1451                      | \$1,510      | 1451           | \$1,510      | Petition to institute a public use proceeding                              | \$       |
| 1452                      | \$ 110       | 2452           | \$ 55        | Petition to revive - unavoidable   | \$       |
| 1453                      | \$1,330      | 2453           | \$ 665       | Petition to revive - unintentional   | \$       |
| 1501                      | \$1,330      | 2501           | \$ 665       | Utility issue fee (or reissue)   | \$       |
| 1502                      | \$ 480       | 2502           | \$ 240       | Design issue fee   | \$       |
| 1503                      | \$ 640       | 2503           | \$ 320       | Plant issue fee  | \$       |
| 1460                      | \$ 130       | 1460           | \$ 130       | Petitions to the Commissioner  | \$       |
| 1807                      | \$ 50        | 1807           | \$ 50        | Processing fee under 37 CFR 1.17(g)  | \$       |
| 1806                      | \$ 180       | 1806           | \$ 180       | Submission of Information Disclosure Statement                             | \$       |
| 8021                      | \$ 40        | 8021           | \$ 40        | Recording each patent assignment per property (times number of properties) | \$ 40.00 |
| 1809                      | \$ 770       | 2809           | \$ 385       | Filing a submission after final rejection (37 CFR 1.129(a))                | \$       |
| 1810                      | \$ 770       | 2810           | \$ 385       | For each additional invention to be examined (37 CFR 1.129(b))             | \$       |
| 1801                      | \$ 770       | 2801           | \$ 385       | Request for Continued Examination (RCE)                                    | \$       |
| 1802                      | \$ 900       | 1802           | \$ 900       | Request for expedited examination of a design application                  | \$       |
| Other Fee (specify) _____ |              |                |              |  | \$       |
| Other Fee (specify) _____ |              |                |              |  | \$       |

\*Reduced by Basic Filing Fee Paid

**FEE CALCULATION****1. Basic Filing Fee**

| Large Fee Code      | Large Entity Fee (\$) | Small Fee Code | Small Entity Fee (\$) | Fee Description        | Fee Paid  |
|---------------------|-----------------------|----------------|-----------------------|------------------------|-----------|
| 1001                | \$770                 | 2001           | \$385                 | Utility Filing Fee     | \$ 385.00 |
| 1002                | \$340                 | 2002           | \$170                 | Design Filing Fee      | \$        |
| 1003                | \$530                 | 2003           | \$265                 | Plant Filing Fee       | \$        |
| 1004                | \$770                 | 2004           | \$385                 | Reissue Filing Fee     | \$        |
| 1005                | \$160                 | 2005           | \$ 80                 | Provisional Filing Fee | \$        |
| <b>Subtotal (1)</b> |                       |                |                       |                        | \$ 385.00 |

**2. Extra Claim Fees for Utility and Reissue**

| Claims             | Extra       | Fee (below) | Fee Paid   |
|--------------------|-------------|-------------|------------|
| Total              | 22-20** = 2 | x \$ 18.00  | = \$ 18.00 |
| Indep.             | 3 - 3** = 0 | x \$        | = \$       |
| Multiple Dependent |             |             | \$         |

\*\*or number previously paid, if greater

For Reissues, see below

| Large Entity Fee (\$) | Small Entity Fee (\$) | Fee Description   |
|-----------------------|-----------------------|---|
| \$ 18                 | \$ 9                  | Claims in excess of 20                                    |
| \$ 86                 | \$ 43                 | Independent claims in excess of 3                         |
| \$290                 | \$145                 | Multiple dependent claim, if not paid                     |
| \$ 86                 | \$ 43                 | **Reissue independent claims over original patent         |
| \$ 18                 | \$ 9                  | **Reissue claims in excess of 20 and over original patent |
| <b>Subtotal (2)</b>   |                       | \$ 18.00  |

**Subtotal (3)** \$ 40.00

Date: March 17, 2004

SUBMITTED BY

Albert B. Kimball, Jr., Reg. No. 25,689

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICANTS:

ROBERT M. MCMILLAN  
ROLAND RAU

SERIAL NO.: UNASSIGNED

FILED: CONCURRENTLY HERewith

FOR: HIGH ACCURACY MEASURING  
AND CONTROL OF LOW FLUID  
FLOW RATES

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Attorney Docket No. 057723.000015

**CERTIFICATE OF MAILING BY EXPRESS MAIL**

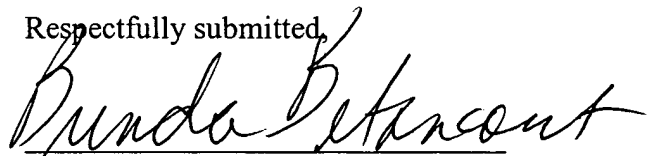
Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

I hereby certify that the following documents, which are attached, are being deposited, under 37 C.F.R. § 1.10, with the United States Postal Service "Express Mail Post Office to Addressee" service as Express Mail No. EV 342 458 285 US in an envelope addressed to: Commissioner of Patents and Trademarks, **MAIL STOP PATENT APPLICATION**, Alexandria, VA 22313-1450 on this 17th day of March, 2004:

1. Utility Patent Application Transmittal;
2. Fee Transmittal (in duplicate);
3. Patent Application;
4. Nine (9) Sheets of Drawings;
5. Declaration and Power of Attorney for Patent Application;
6. \$403.00 check for filing fee;
7. Assignment; Assignment Transmittal Sheet;
8. Check in the amount of \$40.00 for assignment recordal fee; and
9. Return Postcard.

Respectfully submitted,

  
Brenda Betancourt

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